

Claims

I claim:

1. A fan blade comprising:
at least two longitudinal slats positioned side by side;
at least one hole constructed through an interior of said at least two longitudinal slats; and
a dowel placed through said hole to secure said at least two longitudinal slats firmly together.
2. The fan blade of claim 1 wherein said dowel further comprises a wooden rod dimensioned to fit in at least one said hole
3. The fan blade of claim 2 wherein said wooden rod is secured in said at least one hole with wood glue.
4. The fan blade of claim 2 wherein said wooden rod further comprises splines or grooves.
5. The fan blade of claim 1 further comprising a threaded portion on one end of said dowel for receiving a cap that secures said dowel in said hole.
6. The fan blade of claim 5 wherein said dowel further comprises a fixed cap rigidly secured to one end of said dowel.
7. The fan blade of claim 6 wherein said screw on cap is designed to retract said screw on cap and said fixed cap into said slats when screwed on to said threaded portion.

8. The fan blade of claim 1 further comprising end caps for securing said dowel in said hole.

9. The fan blade of claim 1 wherein said slats are constructed from a soft wood.

10. The fan blade of claim 1 wherein both ends of said dowel are threaded to receive threaded end caps.

11. The fan blade of claim 10 wherein said threaded caps are designed to receive a tool for securing said threaded end caps to said threaded ends of said dowel.

12. The fan blade of claim 1 wherein a material is placed over exposed ends of said dowel such that said dowel is enclosed within said slats.

13. A fan blade, said blade comprising:
a series of parallel slats;
a hole running approximately perpendicular to said series of slats through an interior portion of said slats;
a wooden dowel configured to be received in said hole such that said series of slats are secured together.

14. The fan blade of claim 13 further comprising an adhesive for securing said wooden dowel in said hole.

15. The fan blade of claim 13 wherein said wooden dowel further comprises grooves.

16. The fan blade of claim 13 wherein said slats are wooden.

17. A blade for use in a fan comprising:

at least two longitudinal wooden slats;

at least one hole constructed through an interior region of said at least two longitudinal wooden slats; and

a metal dowel configured to be received in said at least one hole such that said at least two longitudinal slats are held firmly together.

18. The blade of claim 17 wherein said metal dowel further comprises expanded end portion.

19. The blade of claim 18 wherein said expanded end portion is received by a threaded end on said metal dowel.

20. The blade of claim 17 further comprising end caps for securing said metal dowel in said at least one hole.

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